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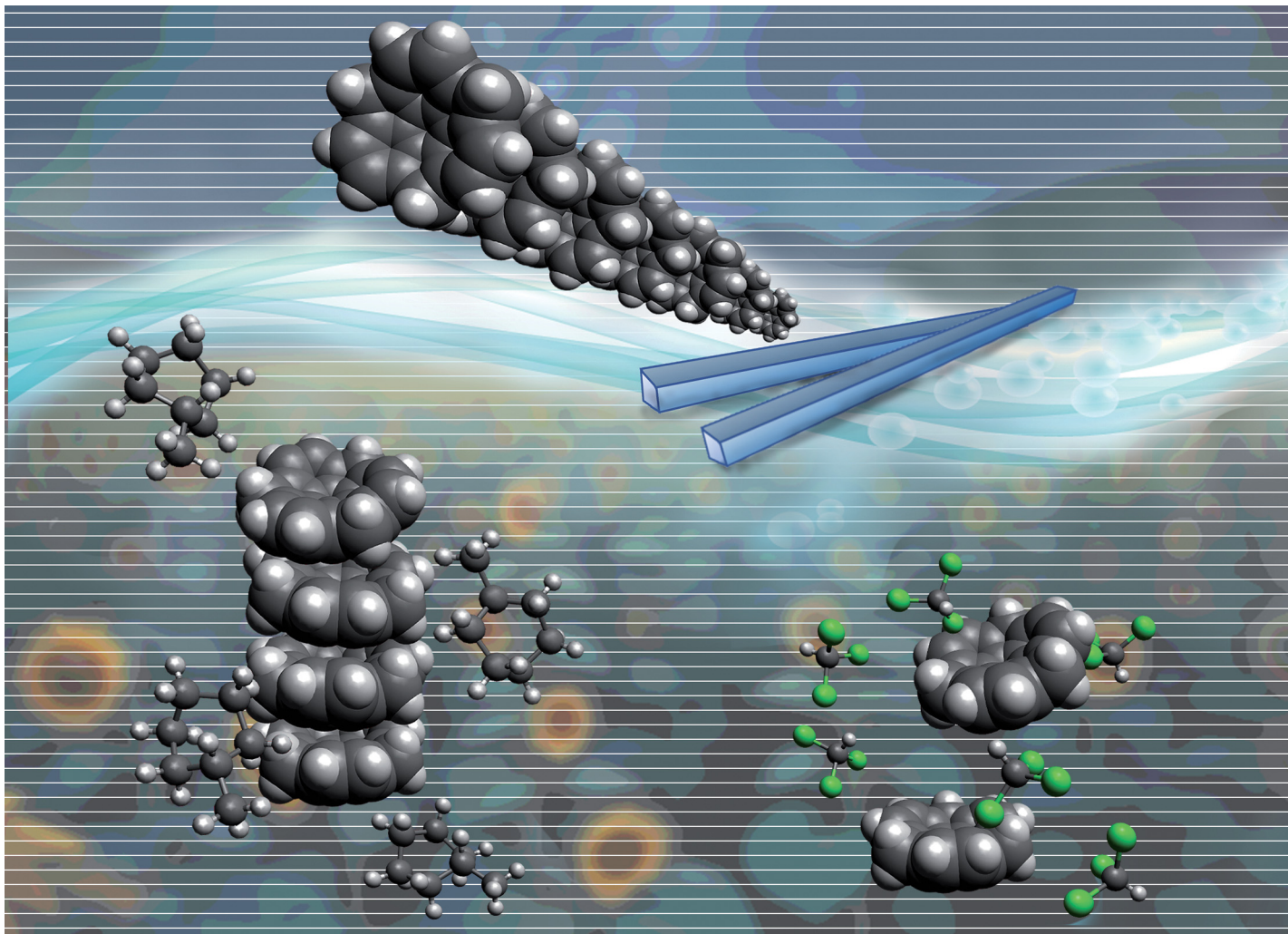
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Showcasing research from Professor Sakurai's laboratory, Division of Applied Chemistry, Osaka University, Japan, and Professor Fukuhara's laboratory, Department of Chemistry, Tokyo Institute of Technology, Japan.

Sumanene-stacked supramolecular polymers. Dynamic, solvation-directed control

A pristine bucky bowl, sumanene, can form solution-state supramolecular polymers due to the sufficiently slower bowl-to-bowl inversion at room temperature. More importantly, sumanene supramolecular polymers can be dynamically controlled by external stimuli, in which solvation plays a critical role.

As featured in:



See Hidehiro Sakurai,  
Gaku Fukuhara *et al.*,  
*Chem. Commun.*, 2023, **59**, 9595.